

RECLAMATION

(27)

Check One:

☐ RECLAMATION PLAN

(Disturbed Area 5 Acres Or Greater)

☒ LETTER OF INTENT TO DO RECLAMATION

(Disturbed Area Less Than 5 Acres)

In accordance with Alaska Statute 27.19, reclamation is required of all mining/exploration operations. Reclamation bonding is required of operations with a disturbed area (all portions of the operation excluding camp and roads) of 5 acres or greater. Completion of this application will meet the requirements for a "Reclamation Plan" for operations 5 acres and larger in size and "Letter of Intent To Do Reclamation" for operations under 5 acres. **If you do not intend to use the reclamation methods presented below, please provide additional information concerning your plans for reclamation under separate attachments.**

Total acreage currently disturbed: _____ acres. This should match: "Total Unreclaimed Acres" on your 2010 Annual Reclamation Statement for Small Mines, or line #7 on your 2011 Bond Pool Renewal Form. (Disturbed ground includes unreclaimed trenches; overburden; drill pads; disposal areas; and any other areas disturbed since October 1991 (State mining claims or Private lands) or 1981 (Federal mining claims); and are currently unreclaimed. Federal operators include area of camp and roads.

New acres to be disturbed in 2011: _____ acres.

Total acreage (currently disturbed plus new acres): _____ acres.

Of this acreage: _____ acres are State land. _____ acres are Private land. _____ acres are Federal land.

Total acreage to be reclaimed in 2011: _____ acres; and:

☒ Reclamation will be conducted concurrently with exploration.

☐ Reclamation will be conducted at the end of the exploration season.

Total volume of material to be disturbed in 2011: _____ cubic yards. (Including overburden to be removed).

The following reclamation measures shall be used. (These measures are required by law. Those that do not apply may be crossed out; but, an explanation must be given as to why these measures are not necessary at your site.)

- Topsoil and overburden muck, not promptly redistributed to an area being reclaimed, shall be separated and stockpiled for future use. This material shall be protected from erosion and contamination by acidic or toxic materials and shall not be buried by broken rock.
- The area reclaimed shall be reshaped to blend with surrounding physiography using strippings and overburden, then be stabilized to a condition that shall retain sufficient moisture to allow for natural revegetation.
- Stockpiled topsoil and overburden muck shall be spread over the contoured exploration disturbance to promote natural plant growth.
- Exploration trenches shall be backfilled and the surface stabilized to prevent erosion. Brush piles, stumps, topsoil, and other organics shall be spread on the backfilled surface to inhibit erosion and promote natural revegetation. Exploration trenches shall be flagged and signs posted to notify the public of the existence of the open trenches. All exploration trenches shall be reclaimed by the end of the exploration season in which they are constructed, unless specifically approved by the Division of Mining, Land & Water.
- Shallow auger holes (limited to depth of overburden) shall be backfilled with drill cuttings or other locally available material in such a manner that closes the hole to minimize the risk to humans, livestock and wildlife.
- All drill hole casings shall be removed or cut off at, or below, ground level.
- All drill holes shall be plugged by the end of the exploration season during which they are drilled, unless otherwise specifically approved by the Division of Mining, Land & Water.
- All drill holes shall be plugged with bentonite holeplug, a benseal mud, or equivalent slurry, for a minimum of 10 feet within the top 20 feet of the drill hole. The remainder of the hole will be backfilled to the surface with drill cuttings. If water is encountered in any drill hole, a minimum of 7 feet of bentonite holeplug, a benseal mud, or equivalent slurry shall be placed immediately above the static water level in the drill hole. Complete filling of the drill holes, from bottom to top, with a bentonite holeplug, benseal mud, or equivalent slurry is also permitted and is considered to be the preferred method of hole closure.
- If artesian conditions are encountered, the operator shall contact the Division of Mining, Land & Water (Brent Martellaro at 907-451-2788) or the Department of Environment Conservation (Pete McGee at 907-451-2101) for hole plugging requirements.
- Upon completion of drilling activity, drill pads shall be reclaimed as necessary, including reseeding, to encourage natural revegetation of the sites and protect them from erosion.
- Roads and surface disturbance shall be held to a minimum. Exploration roads, drill pads and trenches shall be constructed in such a manner that vegetation and topsoil will not be buried beneath overburden or broken rock; this may require the use of a track excavator for construction of these facilities on slopes so as to allow for segregation of materials during construction and subsequent reclamation. Exploration roads will have water bars installed for erosion control, and at the end of the project will be reclaimed by backfilling, contouring, and spreading of organic rich overburden to promote stabilization and natural revegetation.
- All buildings and structures constructed, used or improved, on State land, will be removed, dismantled, or otherwise properly disposed of at the completion of exploration. The campsite will be cleaned up and left free of debris.
- Other: _____

IMPORTANT:

1. Alternative reclamation measures may be approved if the reclamation measures presented above are not applicable to your site. Please explain in separate correspondence. Submit a sketch and describe additional reclamation measures you propose to conduct at your exploration operation. Reclamation measures must comply with Alaska Statute 27.19.
2. Federal land managers may require reclamation measures different to those identified above.

BONDING

In accordance with Alaska Statute 27.19, bonding is required for all mining/exploration operations having a disturbance of five acres or greater on state land. This area must be bonded for \$750.00 per acre, unless the miner can demonstrate that a third party contractor can do the required reclamation for less than that amount. A Statewide bonding pool has been established and may be joined by completing the bond pool application form. Federal land managers may have additional bonding requirements. Use bond form to calculate area of disturbance for bonding.

Signature of Applicant

Relationship to Claim(s)

Date

☐ Owner ☐ Lessee ☐ Operator ☐ Agent for

Printed Name

ANNUAL RECLAMATION STATEMENT REQUIREMENTS

The Alaska Reclamation Act AS 27.19 requires operations that disturb less than five acres to file an Annual Reclamation Statement by December 31st of each year that the permit is in effect. Operations that will disturb more than five acres are required to have a Reclamation Plan Approval and to submit an Annual Exploration Report detailing the exploration and reclamation actions taken during the year by December 31st of each year that the plan approval is in effect. Please ensure that your Annual Exploration Report contains the following information:

- A written narrative describing your activities and the reclamation measures utilized at all disturbances.
- A topographic map showing the portion of the claim block where surface disturbing exploration activities have occurred. The plan map should be at a scale of 1"=1/2 mile, or other appropriate scale sufficient to illustrate: existing trails and roads; new trails and roads; drill hole locations (other than shallow auger holes); trench locations; the camp location; and, any other surface disturbances (please distinguish between reclaimed and unreclaimed features).
- A photo, with appropriate caption, of each reclaimed drill site and exploration trench.
- A photo of representative sections of any new road or trail construction.
- A detailed description of the methods used to plug the drill holes.
- A list of Mining Claims by ADL# that contain unreclaimed disturbance at the end of the year and a total acreage that remains unreclaimed.